ectic	n 1 - GCCS	Components and Comme	nts		SITE NAME:	Cottonwood	Hills RDF
X	THE RESERVE THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.		lity Flore				
_		spment - describe					
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-	Comments (	Lube Relay inst	All FOR PLC com	munications	÷		
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CUC	NI Z - MII EV	21103			Event Description	\$0	P° Followed?
ype					S. Clina Quinter		
of vent		Date/Time Start	Date/Time End	Duration (hours)	(use pull-down menu)	Yes	No**
~	AND SECURITY OF PERSONS ASSESSED.	7.14.15/1318			-	V,	e-in-in-in-in-in-in-in-in-in-in-in-in-in-
2	Shutdown		7.14.15/1802	14.7		V	
X	Startup		17779/1802			1	
	Malfunction	- Section 1	A			Comple	ite Section 3 Below
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ecti	P in SSM Plan	was not followed, notify site engi	neer immediately.		Check one o	of the following for ture completed	
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ecti	on 3 - Malfu	was not followed, notify site enginection Events Only  Corrective A	an unsafe operating condition	nctions	Check one of Processor piping.	The state of the s	
ection Step	on 3 - Malfu Determine i smoking, vi	nction Events Only  Corrective A  f the malfunction is causing bration, or other problem), v	neer immediately.	nctions	Check one of Processor piping.	The state of the s	
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 Determine if other personnel or resource (qualified technician, ele needed for malfunction diagnosis. If other personnel or resources are not needed, go to No. 6 Contact qualified personnel or resource: a. Record contact name, date and time:\_ b. Contact site representative with information recorded in #5 a. Start malfunction diagnosis. Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9 Contact other qualified resource: a. Record contact name, date and time:\_ b. Contact site representative with information recorded in #8 a. Fix the malfunction. Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record 10.

start-up times and dates on this form.

system was out of service in boxes in Section 1 of this form.

Record date that malfunction occurred, date that malfunction was repaired, and total time that

Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file

If the procedures listed above were not followed, contact the site engineer immediately.

Signature: 

Signature:

		Components and Comment	s		T FORM	E: 0	Cottonwood i	Hills RDF
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tep		Corrective Act	ion Procedures for All Malfun	ctions		Procedure	e completed	Procedure Not Applical
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Contact other qualified resource:

a. Record contact name, date and time:

b. Contact site representative with information recorded in #8.a.

Fix the malfunction.

Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates on this form.

Record date that malfunction occurred, date that malfunction was repaired, and total time that

system was out of service in boxes in Section 1 of this form.

12 Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file.

Determine if other resources are needed to fix the malfunction (qualified technician, electrician,

contractor, on-site resources, manufacturer's representative, or other).

If other resources are not needed, go to No. 9

12 Sign this form, copy it, and place it in the start-up. Shadown, meaning in the start-up. Shadown, meaning

Signature:

			ARTUP/SHUTDOWN/MAL	FUNCTION REPOF		e	Cottonwood	uille PNE
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mercan by	COLUMN WAR AREA TO A STATE OF THE PARTY OF T		N 1					
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vent		Date/Time Start	Date/Time End	Duration (hours)	(use pull-dow	vn menu)	Yes	No**
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X	Startup		14.2.12/ 11.49	1 2 1 3	-			1
	Malfunction	AAAaaaaa					Complet	te Section 3 Below
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If the procedures listed above were not followed, contact the site engineer immediately

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Ź	Shutdown	9.7.15/1510	1 7 3	<b>_</b>		+:/-	-
7	Startup		9.7.15/1626	1.3		<u> </u>	
						Comple	ete Section 3 Below
_	Malfunction				1		
so	P in SSM Plan v	Procedure (SOP) for Flare/Fuel Sk was not followed, notify site engi nction Events Only	tid Startups (Manual & Automatic) an neer immediately.	id Shutdowns are provided	in SSM Plen		
2 6 6 8 9						one of the following for	- determinant
		AND A CANADA CONTRACTOR OF THE PARTY OF THE	ction Procedures for All Maifur	actions	1 9	rocedure completed	Procedure Not Applic

	AND	Check one of the following for	
Step	Corrective Action Procedures for All Maifunctions	Procedure completed	Procedure Not Applicable
1.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking vibration, or other problem), which may harm people, the environment or the landfill gas control equipment.  If conditions are unsafe, notify your supervisor and follow steps under No. 3		
2.	Determine if landfill gas being released to the atmosphere (can you smell landfill gas, or measure or detect uncombusted gas flow?).  If landfill gas is being released, follow steps under No. 3		
3.	If unsafe operating condition exists, or landfill gas is being released to the atmosphere, stop (if possible) landfill gas flow by one or more of the following:  a Close nearest valve to source of emissions  b Place a temporary cap on piping  c. Apply other device (i.e. duct tape)  d. Shut down blower  e. Turn off main power disconnect switch to blower  f. Other (Describe):  Note: If flare is shut down, follow shutdown SOP and record shutdown time in Section 1 (above)		
4,	Determine if other personnel or resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.  If other personnel or resources are not needed, go to No. 6		
5.	Contact qualified personnel or resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #5.a.		
6.	Start malfunction diagnosis.		
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).  If other resources are not needed, go to No. 9		
8	Contact other qualified resource:  a. Record contact name, date and time.  b. Contact site representative with information recorded in #8.a.		And the second s
9.	Fix the malfunction		
10	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates on this form.		
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.		
12	Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file.		
13	If the procedures listed above were not followed, contact the site engineer immediately.		

WM01815

ectio	n 1 - GCCS	Components and Comme	nts		SITE NAME:	Cottonwood	Hills RDF
-	Control Device	or Fuel Skid - describe: Uti	ity FlARE				
-	CARLEST AND ADDRESS OF THE PARTY OF THE PART	spment - describe : ording Equipment - describe :					
-	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN	The state of the s	<u>and the second </u>		A CONTRACT OF THE PROPERTY OF	The State of the S	
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ctic	n 2 - All Eve	ents			Event Description		OP* Followed?
/pe				descriptions of the second of	Even Description	-	Dr. 1 Chicken
of rent		Date/Time Start	Date/Time End	Duration (hours)	(use pull-down men	ı) Yes	No**
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<b>X</b>	Shutdown		9.7.15 /2224	1.2		V	Para Control of the C
1	Startup		1111/100				
	Malfunction			<u> </u>		L Compl	ete Section 3 Below
эр		Corrective A	ction Procedures for All Malfund	ctions		of the following for educe completed	
ер		Corrective A	ction Procedures for All Malfund	tions	Proc	edure completed	Procedure Not Applic
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1.	smoking vit	oration, or other problem). w	hich may harm people, the en	vironment or the land	fill gas		
	control equi	pment			Internation		
			pervisor and follow steps und				
2.			to the atmosphere (can you so	nell landfill gas, or me	easure		anni philippi
	or detect un	combusted gas flow?). s is being released, follow s	reps under No. 3				
					and the second		and the second s
3.	If unsafe op	erating condition exists, or listing the side of the s	andfill gas is being released to	the atmosphere.	***		colpane said
	a Close	nearest valve to source of	emissions				Principalacion
		a temporary cap on piping					eyenende de la companya de la compan
		other device (i.e. duct tape) down blower					assusse(contra)
	£	off main power disconnect s	witch to blower		and the same of th		end-brought end-
	f. Other	(Describe):	own SOP and record shutdow	n time in Section 1 (a	bove)	and the second s	
		Department of protect in an artifact of the second of the					
4	Determine if	other personnel or resource malfunction diagnosis.	e (qualified technician, electrici	all, Whisultain or our	51/ <b>G</b> 10		PRES STATES
	If other pers	sonnel or resources are not	needed, go to No. 6				
5.	Contact aus	alified personnel or resource	r		and the state of t		#jorkoop dawn
J.	a Recor	rd contact name, date and ti	me:				accidence and a second
	b. Conta	ct site representative with in	nformation recorded in #5 a.				
6.	Start malfut	nction diagnosis.				and the state of t	
		if ash as consumon and ponds	ed to fix the malfunction (qualifi	ad tachnician plactri	nan l		San
7.	Defermine	if Other resources are riceard	in the tite insurfacion (doesne	eu (eumoram, erecun	Di Carri		4
7.	contractor.	on-site resources, manufaction ources are not needed, go to	turer's representative, or other)	ed (edimolari, electri			nous colonia particular

Contact other qualified resource:

start-up times and dates on this form.

Fix the malfunction

a. Record contact name, date and time:\_

b. Contact site representative with information recorded in #8.a.

system was out of service in boxes in Section 1 of this form.

Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record

Record date that malfunction occurred, date that malfunction was repaired, and total time that

Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file

If the procedures listed above were not followed, contact the site engineer immediately.

Signature:

		Components and Comme			SITE NAME:	Cottonwood	Hills RUF
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THE PERSON	and the second s	pment - describe : rding Equipment - describe :		ang promoning programme and the second s	A CONTRACTOR OF THE PROPERTY O		
reme, \$1	Comments:	Tong Equation Sources		And the book of the second			
ed as a second							
ection*	n 2 - All Eve	nts					
					Event Description	SC	)P* Followed?
ype of							
vent		Date/Time Start	Date/Time End	Duration (hours)	(use pull-down menu)	Yes	No"
1	Shutdown	9.7.15 /2318				V	
*	Quantity en	-	9.8.15/1054	11.6		V	
1	Startup	A STATE OF THE PARTY OF THE PAR	1118-13/1001				A
nothing .		e e e e e e e e e e e e e e e e e e e		1		Comple	te Section 3 Below
-	Malfunction	rocedure (SOP) for Flare/Fuel SI	cid Startups (Manual & Automatic) and	Shuddowns are provided	in SSM Plan		
Standar If SOF	ard Operating Pr	as not followed, notify site engi			Check one of t	he following for	
Stande f SOF	ard Operating Pr	as not followed, notify site engi			Check one of t		each step:
tand	on 3 - Malfun  Determine if smoking vib control equip	ction Events Only  Corrective A  the malfunction is causing ration, or other problem), viewent.	neer immediately.	ctions (air entering landfill o	Check one of a Procedur	he following for	each stop

Step	CONTECTIVE ACCOUNT FOOCED TO FAIR MEDITALISM	
1.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment.  If conditions are unsafe, notify your supervisor and follow steps under No. 3	
2.	Determine if landfill gas being released to the atmosphere (can you smell landfill gas, or measure or detect uncombusted gas flow?).  If landfill gas is being released, follow steps under No. 3	
3.	If unsafe operating condition exists, or landfill gas is being released to the atmosphere, stop (if possible) landfill gas flow by one or more of the following:  a Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e. duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):  Note: If flare is shut down, follow shutdown SOP and record shutdown time in Section 1 (above)	
4,	Determine if other personnel or resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.  If other personnel or resources are not needed, go to No. 6.	
5.	Contact qualified personnel or resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #5.a.	
6.	Start malfunction diagnosis.	
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).  If other resources are not needed, go to No. 9	
8	Contact other qualified resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #8 a.	
9.	Fix the malfunction	
10.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates on this form.	
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.	
12	Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file.	
40	If the procedures listed above were not followed, contact the site engineer immediately.	

	on 1 - GCCS	Components and Commen			SITE NAME:	Cottonwood	Hills KUF
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enset !		uipment - describe : cordina Equipment - describe :		The second state of the second se			
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ecti	on 2 - All Ev	ents			•		
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ype of				Quinter Control of Con	E-Conservation	The state of the s	
vent		Date/Time Start	Date/Time End	Duration (hours)	(use pull-down menu)	Yes	No"
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X	Startup	And consistent of the second s	9.9.15/1358	10.1	Registration of the second of	V	
	Otto rup				P. C. Lander	Comple	te Section 3 Below
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1				- Ch. dala ma ara ara sidad	in CSM Dian		
	ard Operating	Procedure (SOP) for Flare/Fuel Skid		d Shutdowns are provided	in SSM Plan		
	ard Operating	Procedure (SOP) for Flare/Fuel Skic was not followed, notify site engine		d Shutdowns are provided	in SSM Plan		
f SO	ard Operating P in SSM Plan			d Shutdowns are provided	in SSM Plan		
f SO	ard Operating P in SSM Plan	was not followed, notify site engine	eer immediately.		Check one of	the following for	AND DESCRIPTION OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.
f SO	ard Operating P in SSM Plan	was not followed, notify site engine			Check one of	the following for a second test of the second test	each step: Procedure Not Applicat
so	ard Operating P in SSM Plan on 3 - Malfu	was not followed, notify site engine	eer immediately. tion Procedures for All Malfun	ctions	Check one of Procedu	- STATE OF COMMENT OF THE PERSON	AND RESIDENCE OF THE PROPERTY OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER.

Step	Corrective Action Procedures for All Malfunctions	Procedule completed	Procedure Not Applicable
1.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment.  If conditions are unsafe, notify your supervisor and follow steps under No. 3		
2.	Determine if landfill gas being released to the atmosphere (can you smell landfill gas, or measure or detect uncombusted gas flow?).  If landfill gas is being released, follow steps under No. 3		
3	If unsafe operating condition exists, or landfill gas is being released to the atmosphere, stop (if possible) landfill gas flow by one or more of the following:  a Close nearest valve to source of emissions  b Place a temporary cap on piping  c. Apply other device (i.e. duct tape)  d. Shut down blower  e. Turn off main power disconnect switch to blower  f. Other (Describe):  Note: If flare is shut down, follow shutdown SOP and record shutdown time in Section 1 (above)		
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9.	Fix the malfunction		
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11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.		
12.	Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file		
12	If the procedures listed above were not followed, contact the site engineer immediately.		

WM01818

ection repe	Control Device o Sas Mover Equi		INTERED IN.		Event Description	CAL	
ection of the section	Sas Mover Equi Monitoring/Reco Comments: <	pment - describe : rding Equipment - describe : Sump Perf L			Event Description	COL	
ection pe	Comments: <	Sump Perp	sofered in.		Event Description	601	
ction			spteazed in.		Event Description	en.	
rpe of rent	n 2 - All Eve	nts			Event Description	en.	
rpe of rent	12 - All EVE			Ī	Fuerd Description	C (1	
of rent					FAGUR Proposidants.	QQ!	P* Followed?
rent		1					
1		Date/Time Start	Date/Time End	Duration (hours)	(use pull-down menu)	Yes	No**
	, en estado de la composição de la compo	9.25.15/2124				V.	
X s	Shutdown	4.23.13/ 2124		11.2		1	and the second s
K s	Startup		19.26.15/1154	14.5			
· .	Malfunction		and		on the same of the	Complete	Section 3 Below
ep		Corrective Ac	tion Procedures for All Maifunc	tions	Procedute	completed	Procedure Not Applic.
9	smoking, vib	ration, or other problem), whent.	en unsafe operating condition ( nich may harm people, the env pervisor and follow steps und	rironment or the land	r piping. fill gas		
5	Dotormine if	landfill gas being released t	o the atmosphere (can you sm	ell landfill gas, or me	easure		
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10	or detect und	combusted gas flow?)			1		
1	or detect und	combusted gas flow?). is being released, follow st	eps under No. 3				

if other personnel or resources are not needed, go to No. 6 Contact qualified personnel or resource: a. Record contact name, date and time:\_\_\_ b. Contact site representative with information recorded in #5 a. Start malfunction diagnosis. Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9 Contact other qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in #8.a. 9. Fix the malfunction Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates on this form. Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form. Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file If the procedures listed above were not followed, contact the site engineer immediately

ectio	n 1 - GCCS	Components and Commen	ts		SITE NAME:	Cottonwood	Hills RDF
<b>X</b>		or Fuel Skid - describe: UHI	ity Float				
laurette:		upment - describe : ording Equipment - describe :	and the state of t				
	_		1				
and an article of		Sump Waterell	liv.	The same and the s		The second se	
ectic	on 2 - All Eve	ents					
					Event Description	S	OP* Followed?
ype of				demonstrate	NA CONTRACTOR OF THE CONTRACTO		
vent		Date/Time Start	Date/Time End	Duration (hours)	(use pull-down menu)	Yes	No.
<b>Y</b>	Shutdown	9.30-15/1116		To the state of th		V	
4			9.30-15/1552	4.6		V	
X.	Startup		1130 137 1000			1	
	Malfunction	Salar control	out-			Compli	ete Section 3 Below
f SO	P in SSM Plan v	was not followed, notify site engine	i Startups (Manual & Automatic) and eer i <b>mmediatel</b> y.	Shuddowns are provided	in SSM Plan		
If SO	P in SSM Plan v	Procedure (SOP) for Flare/Fuel Skid was not followed, notify site engine nction Events Only	Startups (Manual & Automatic) and eer immediately.	Shutdowns are provided		f the following for	each step:
ectic	P in SSM Plan v	was not followed, notify site engine	eer immedistely.		Check one o	If the following for	
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ectic	on 3 - Malfur  Determine it	corrective Action is causing a bration, or other problem), wh	eer immediately. tion Procedures for All Malfunc	ctions	Check one of Project		
ection	Determine it	Corrective Act fithe malfunction is causing a bration, or other problem), who ment	eer immediately.  tion Procedures for All Malfund an unsafe operating condition in	tions (air entering landfill o	Check one of Project		each step: Procedure Not Applicab
ection	Determine its moking, vilicontrol equi	Corrective Act fithe malfunction is causing a bration, or other problem), with pment, a are unsafe, notify your suppose.	eer immediately.  Ition Procedures for All Malfund on unsafe operating condition nich may harm people, the empervisor and follow steps und	tions (air entering landfill overonment or the land der No. 3	Check one of Processor piping.		
ection	Determine its conditions  Determine its moking, vii control equiparts  Determine its moking.	Corrective Act from the malfunction is causing a bration, or other problem), who may be made an end of the malfunction is causing a bration, or other problem), who may be made an end of the malfunction is causing a bration, or other problem), who may be made an end of the malfunction is are unsafe, notify your supplement.	eer immediately.  tion Procedures for All Malfund an unsafe operating condition in	tions (air entering landfill overonment or the land der No. 3	Check one of Processor piping.		
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ection step	Determine it smoking, vil control equi if conditions  Determine it or detect ur if landfill ga	Corrective Action Events Only  Corrective Action Events Only  Corrective Action is causing a bration, or other problem), who pment is are unsafe, notify your sufficiently gas being released to acombusted gas flow?), is is being released, follow stream.	tion Procedures for All Malfund an unsafe operating condition a nich may harm people, the em- pervisor and follow steps und to the atmosphere (can you sn eps under No. 3	ctions (air entering landfill over one of the land of the land of the land of the landfill gas, or mail landfill gas, or mail	Check one of Processor piping.		
ection step	Determine it smoking, vil control equi if conditions  Determine it or detect ur if landfill ga	Corrective Action Events Only  Corrective Action Events Only  Corrective Action is causing a bration, or other problem), who pment is are unsafe, notify your sufficiently gas being released to the problem of the prob	tion Procedures for All Malfund an unsafe operating condition in nich may harm people, the em- pervisor and follow steps und to the atmosphere (can you sn eps under No. 3	ctions (air entering landfill over one of the land of the land of the land of the landfill gas, or mail landfill gas, or mail	Check one of Processor piping.		
ection step	Determine it smoking, vil control equi if conditions  Determine it or detect ur if landfill ga	Corrective Action Events Only  Corrective Action Events Only  Corrective Action is causing a bration, or other problem), who pment is are unsafe, notify your sufficiently gas being released to incombusted gas flow?), is is being released, follow structure of landfill gas flow by one	tion Procedures for All Malfund an unsafe operating condition on nich may harm people, the em- pervisor and follow steps und to the atmosphere (can you sn eps under No. 3 andfill gas is being released to or more of the following:	ctions (air entering landfill over one of the land of the land of the land of the landfill gas, or mail landfill gas, or mail	Check one of Processor piping.		
ection step	Determine it smoking, vil control equi if conditions  Determine it or detect ur if landfill gate if unsafe opstop (if posta a Close	Corrective Action Events Only  Corrective Action Events Only  Corrective Action is causing a bration, or other problem), who pment is are unsafe, notify your superior in the problem of t	tion Procedures for All Malfund an unsafe operating condition on nich may harm people, the em- pervisor and follow steps und to the atmosphere (can you sn eps under No. 3 andfill gas is being released to or more of the following:	ctions (air entering landfill over one of the land of the land of the land of the landfill gas, or mail landfill gas, or mail	Check one of Processor piping.		
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Step  1.	Determine it smoking, vil control equil if conditions  Determine it or detect ur if landfill ge  If unsafe op stop (if post a Close b Place c. Apply d Shut	Corrective Action Events Only  Corrective Action Events Only  Corrective Action is causing a pration, or other problem), who present is are unsafe, notify your superior superior in the problem of the p	tion Procedures for All Malfund an unsafe operating condition in the may harm people, the empervisor and follow steps under the atmosphere (can you sneed under No. 3	ctions (air entering landfill over one of the land of the land of the land of the landfill gas, or mail landfill gas, or mail	Check one of Processor piping.		
ection Step	Determine is smoking, vil control equi if conditions  Determine is or detect un if landfill gate is considered in the conditions of the co	Corrective Action Events Only  Corrective Action Events Only  Corrective Action is causing a bration, or other problem), who pment is are unsafe, notify your sufficiently gas being released the combusted gas flow?), is is being released, follow structured in the problem is a properly in the property of the property o	tion Procedures for All Malfund an unsafe operating condition in the may harm people, the empervisor and follow steps under the atmosphere (can you sneed under No. 3	ctions (air entering landfill over one of the land of the land of the land of the landfill gas, or mail landfill gas, or mail	Check one of Processor piping.		

Note: If flare is shut down, follow shutdown SOP and record shutdown time in Section 1 (above) Determine if other personnel or resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis. if other personnel or resources are not needed, go to No. 6 Contact qualified personnel or resource: a. Record contact name, date and time:\_\_\_ b. Contact site representative with information recorded in #5.a. Start malfunction diagnosis. Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9 Contact other qualified resource: a. Record contact name, date and time: b. Contact site representative with information recorded in #8.a. Fix the malfunction Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates on this form. Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form. Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file If the procedures listed above were not followed, contact the site engineer immediately

ignature: V ( ( )

Section 1 - GCCS Components and Comments SITE NAME: Cottonwood Hills RDF Control Device or Fuel Skid - describe: Ofility FARE Gas Mover Equipment - describe: Monitoring/Recording Equipment - describe Comments: Section 2 - All Events SOP\* Followed? **Event Description** Туре of Event Date/Time Start Date/Time End Duration (hours) (use pull-down menu) No\*\* Shutdown 10.2.15 1326 5.77

0.1

10.2.15

1912

### Section 3 - Malfunction Events Only

Startup

Malfunction

	Check one of the following for each step:						
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable				
1.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment.  If conditions are unsafe, notify your supervisor and follow steps under No. 3						
2.	Determine if landfill gas being released to the atmosphere (can you smell landfill gas, or measure or detect uncombusted gas flow?).  If landfill gas is being released, follow steps under No. 3						
3.	If unsafe operating condition exists, or landfill gas is being released to the atmosphere, stop (if possible) landfill gas flow by one or more of the following:  a. Close nearest valve to source of emissions  b. Place a temporary cap on piping  c. Apply other device (i.e. duct tape)  d. Shut down blower  e. Turn off main power disconnect switch to blower  f. Other (Describe):  Note: If flare is shut down, follow shutdown SOP and record shutdown time in Section 1 (above)						
4.	Detemine if other personnel or resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.  If other personnel or resources are not needed, go to No. 6						
5.	Contact qualified personnel or resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #5.a.						
6.	Start malfunction diagnosis.						
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).  If other resources are not needed, go to No. 9						
8.	Contact other qualified resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #8.a.						
9.	Fix the malfunction.						
10.	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates on this form.						
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.						
12.	Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file.						
13.	If the procedures listed above were not followed, contact the site engineer immediately.		1				

Signature:

Complete Section 3 Below

<sup>\*</sup> Standard Operating Procedure (SOP) for Flare/Fuel Skid Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

<sup>\*\*</sup>If SOP in SSM Plan was not followed, notify site engineer immediately.

ectic	on 1 - GCCS	Components and Comme			SITE NAME:	Cottonwood i	nais nor		
3	Control Device	or Fuel Skid - describe: Uth	lity Float	transport of the second se	And the state of t				
	The second second second	uipment - describe					AND THE PROPERTY OF THE PROPER		
	Monitoring/Recording Equipment - describe :								
	Comments:								
				TO THE PERSON NAMED OF THE		AND DESCRIPTION OF THE PARTY OF			
ctic	on 2 - All Ev	ents				T cr	P* Followed?		
a) to produce				puri repri una	Event Description	30	# FOROMOU:		
ype of				and the state of t					
vent		Date/Time Start	Date/Time End	Duration (hours)	(use pull-down menu)	Yes	No"		
X	Shutdown	10.27.15/1314		24.33		V			
X	Startup		10.28.15/1334	0.1		V			
7						Comple	te Section 3 Below		
		Procedure (SOP) for Flare/Fuel Sk was not followed, notify site engit	id Startups (Manual & Automatic) and neer immediately.	d Shutdowns are provided	in SSM Plan	Comple	te Section 3 B		
orti	on 3 - Malfu	nction Events Only							
C. C. F.					Check one	of the following for a			
			ction Procedures for All Malfund	- \$1 m m m	Proce	dure completed	Procedure Not Appl		

Contract of the Contract of th		Check one of the following for	
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
1	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment.  If conditions are unsafe, notify your supervisor and follow steps under No. 3		
2.	Determine if landfill gas being released to the atmosphere (can you smell landfill gas, or measure or detect uncombusted gas flow?).  If landfill gas is being released, follow steps under No. 3		
3.	If unsafe operating condition exists, or landfill gas is being released to the atmosphere, stop (if possible) landfill gas flow by one or more of the following:  a. Close nearest valve to source of emissions:  b. Place a temporary cap on piping: c. Apply other device (i.e. duct tape): d. Shut down blower: e. Turn off main power disconnect switch to blower: f. Other (Describe):  Note: If flare is shut down, follow shutdown SOP and record shutdown time in Section 1 (above)		
4.	Determine if other personnel or resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.  If other personnel or resources are not needed, go to No. 6		
5.	Contact qualified personnel or resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #5.a.		
6.	Start malfunction diagnosis.	and the state of t	
7.	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).  If other resources are not needed, go to No. 9		
8	Contact other qualified resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #8.a.		
9.	Fix the malfunction		
10	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates on this form.		
11.	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.		
12	Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file.		1
43	If the procedures listed above were not followed, contact the site engineer immediately.	10:1	

Section 1 - GCC	S Components and Comment	ts		SITE NAME:	Cottonwood Hi	ills RDF
Control Devi	ce or Fuel Skid - describe: U+:)+.	4 Flare			t Description SOP*Followed?	
Gas Mover E	Equipment - describe :					
Monitoring/R	ecording Equipment - describe ;					
Comments: Utility Outage						
Section 2 - All E	vents					
Type of Event	Date/Time Start	Date/Time End	Duration (hours)	Event Description		
Shutdown	12.3.15/1242		2.10		X	
Startup		12.3.15/0248	0.1		X	
Malfunction	Shutdown Startup  Startup  Event Description SOP* Followed?  Ves No**  To Shutdown Startup  Startup  Startup  Startup  Sop Followed?  Sop Fol			Section 3 Below		

Section 3 - Malfunction Events Only

0:	O The Late Control of the Control of	Check one of the following for	
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
1.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment.  If conditions are unsafe, notify your supervisor and follow steps under No. 3		
2.	Determine if landfill gas being released to the atmosphere (can you smell landfill gas, or measure or detect uncombusted gas flow?).  If landfill gas is being released, follow steps under No. 3		
3.	If unsafe operating condition exists, or landfill gas is being released to the atmosphere, stop (if possible) landfill gas flow by one or more of the following:  a. Close nearest valve to source of emissions  b. Place a temporary cap on piping c. Apply other device (i.e. duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):  Note: If flare is shut down, follow shutdown SOP and record shutdown time in Section 1 (above)		
4.	Detemine if other personnel or resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.  If other personnel or resources are not needed, go to No. 6		
5.	Contact qualified personnel or resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #5.a.		
6.	Start malfunction diagnosis.		
	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).  If other resources are not needed, go to No. 9		
8.	Contact other qualified resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #8.a.		
9.	Fix the malfunction.		
	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates on this form.		
	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form		
12.	Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file.		
13.	If the procedures listed above were not followed, contact the site engineer immediately.		

Signature: XX XX

<sup>\*</sup> Standard Operating Procedure (SOP) for Flare/Fuel Skid Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

<sup>\*\*</sup>If SOP in SSM Plan was not followed, notify site engineer immediately.

Section 1 - GCCS	Components and Commer	nts		SITE NAME:	Cottonwood Hi	lls RDF
Control Device	or Fuel Skid - describe: ( )+i)	Au Flore				
	uipment - describe :					
Monitoring/Red	cording Equipment - describe :					
Comments:		tch? Tambles	hooting.			
ection 2 - All Ev	ents					
ype				Event Description	SOP*	Followed?
vent	Date/Time Start	Date/Time End	Duration (hours)	(use pull-down menu)	Yes	No**
Shuldown	12.3.15 0340		2.07		X	
X Startup		12.3.15/0544	0.1		X	
Matfunction					Complete 5	Section 3 Below

Section 3 - Malfunction Events Only

C4	Constitution Asia Parameter State Constitution and Constitution Asia Parameter State Constitution and Consti	Check one of the following for each step:  Procedure completed Procedure Not Apple				
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable			
1.	Determine If the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment.  If conditions are unsafe, notify your supervisor and follow steps under No. 3					
2.	Determine if landfill gas being released to the atmosphere (can you smell landfill gas, or measure or detect uncombusted gas flow?).  If landfill gas is being released, follow steps under No. 3					
3.	If unsafe operating condition exists, or landfill gas is being released to the atmosphere, stop (if possible) landfill gas flow by one or more of the following:  a. Close nearest valve to source of emissions  b. Place a temporary cap on piping  c. Apply other device (i.e. duct tape)  d. Shut down blower  e. Turn off main power disconnect switch to blower  f. Other (Describe):  Note: If flare is shut down, follow shutdown SOP and record shutdown time in Section 1 (above)					
4.	Determine if other personnel or resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.  If other personnel or resources are not needed, go to No. 6					
5.	Contact qualified personnel or resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #5.a.					
6.	Start malfunction diagnosis.					
	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other). If other resources are not needed, go to No. 9					
8.	Contact other qualified resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #8.a.					
9.	Fix the malfunction.					
	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates on this form.					
	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of sociols in boxes in Section 1 of this form					
2. 5	Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file.					
3	f the procedures listed above were not followed, contact the site engineer immediately.					

Signature: X 1 X 1

<sup>\*</sup> Standard Operating Procedure (SOP) for Flare/Fuel Skid Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

<sup>\*\*</sup>If SOP in SSM Plan was not followed, notify site engineer immediately.

	S Components and Comme			SITE NAME:	Cottonwood Hi	lls RDF	
Control Devic	e or Fuel Skid - describe: 🔾	An Flore		THE THE STATE OF T			
	quipment - describe :	J				The second second second second	
Monitoring/Recording Equipment - describe							
Comments Electrical Glitch? Trouble shouting							
Section 2 - All Ev	vents				**************************************	MEMORIE IN SACIONAL PROPERTY CONTRACTOR AND ARCHITICAL AND ARCHITI	
Туре				Event Description	SOP*	Followed?	
Event	Date/Time Start	Date/Time End	Duration (hours)	(use pull-down menu)	Yes	No**	
A Shuldown	12.3.15/0546		3.20		X	The second secon	
Startup		12.3.6 0228	0.1		4		
Malfunction			A Contracting to account of the contraction of the		Complete S	Section 3 Below	

Section 3 - Malfunction Events Only

04-		Check one of the following for each step		
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable	
1.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment.  If conditions are unsafe, notify your supervisor and follow steps under No. 3	distribution in the Accessoration		
2	Determine if landfill gas being released to the atmosphere (can you smell landfill gas, or measure or detect uncombusted gas flow?).  If landfill gas is being released, follow steps under No. 3			
	If unsafe operating condition exists, or landfill gas is being released to the atmosphere, stop (if possible) landfill gas flow by one or more of the following: a Close nearest valve to source of emissions b. Place a temporary cap on piping c. Apply other device (i.e. duct tape) d. Shut down blower e. Turn off main power disconnect switch to blower f. Other (Describe):			
	Note: If flare is shut down, follow shutdown SOP and record shutdown time in Section 1 (above)			
1	Detemine if other personnel or resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis  If other personnel or resources are not needed, go to No. 6			
5.	Contact qualified personnel or resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #5.a			
6	Start malfunction diagnosis			
1	Determine if other resources are needed to fix the maifunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).  If other resources are not needed, go to No. 9			
8	Contact other qualified resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #8.a		<b>P</b>	
9. F	ix the malfunction.			
	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates on this form.			
11. F	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in boxes in Section 1 of this form.			
12. 5	Sign this form, copy it, and place it in the Start-up, Shutdown, Malfunction Report Form file.			
13.	f the procedures listed above were not followed, contact the site engineer immediately			

Signature: An' W

<sup>\*</sup> Standard Operating Procedure (SOP) for Flare/Fuel Skid Startups (Manual & Automatic) and Shutdowns are provided in SSM Plan

<sup>\*\*</sup>If SOP in SSM Plan was not followed, notify site engineer immediately,

Section 1 - GCC	S Components and Commen	ts		SITE NAME:	Cottonwood Hill	s RDF
Gontrol Devic	e or Fuel Skid - describe: Util	h Flora	THE BOOK AND ADDRESS OF THE PARTY OF THE PAR		THE THE PARTY OF T	
Gas Mover Ed	quipment - describe :		The state of the s			********
Monitoring/Re	cording Equipment - describe					
Comments:	Bad Cube Relay	& cuberely ca	maries found	I F Replaced	1	***************************************
ction 2 - All Ev	vents			State Comments of the Comments	and the second and th	
/ре				Event Description	SOP*	Followed?
of vent	Date/Time Start	Date/Time End	Duration (hours)	(use pull-down menu)	Yes	No**
Shuldown	12.3-15/0900		5.03		X	
Startup		12.3.15/1402	0.1		4	
Maifunction					Complete S	ection 3 Below

Section 3 - Malfunction Events Only

~		Check one of the following for a	-
Step	Corrective Action Procedures for All Malfunctions	Procedure completed	Procedure Not Applicable
1.	Determine if the malfunction is causing an unsafe operating condition (air entering landfill or piping, smoking, vibration, or other problem), which may harm people, the environment or the landfill gas control equipment.  If conditions are unsafe, notify your supervisor and follow steps under No. 3		
2.	Determine if landfill gas being released to the atmosphere (can you smell landfill gas, or measure or detect uncombusted gas flow?).  If landfill gas is being released, follow steps under No. 3		The second secon
3.	If unsafe operating condition exists, or landfill gas is being released to the atmosphere, stop (if possible) landfill gas flow by one or more of the following:  a. Close nearest valve to source of emissions  b. Place a temporary cap on piping  c. Apply other device (i.e. duct tape)  d. Shut down blower  e. Turn off main power disconnect switch to blower  f. Other (Describe):  Note: If flare is shut down, follow shutdown SOP and record shutdown time in Section 1 (above)		
	Determine if other personnel or resource (qualified technician, electrician, consultant or other) are needed for malfunction diagnosis.  If other personnel or resources are not needed, go to No. 6		
5.	Contact qualified personnel or resource.  a Record contact name, date and time:  b Contact site representative with information recorded in #5.a.		
6.	Start malfunction diagnosis		
- 1	Determine if other resources are needed to fix the malfunction (qualified technician, electrician, contractor, on-site resources, manufacturer's representative, or other).  If other resources are not needed, go to No. 9		
8	Contact other qualified resource:  a. Record contact name, date and time:  b. Contact site representative with information recorded in #8.a.		
9. 1	Fix the malfunction.		
	Once the malfunction is fixed, re-start the system per SOP if it had been shut down, and record start-up times and dates on this form.		
	Record date that malfunction occurred, date that malfunction was repaired, and total time that system was out of service in beyon in Section 1 of this form		
2. 5	Sign this form, copy it, and place it in the Start-up. Shutdown, Malfunction Report Form file.		
13	f the procedures listed above were not followed, contact the site engineer immediately	-	

Signature: A L A L

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